

ABSTRACT OF THE DISCLOSURE

The object of this invention is to provide a press die for press forming of glass, which is capable of preventing the generation of interdiffusion between a matrix material of press die and a releasing film, making it possible to retain the excellent releasability of the releasing film for a long period of time. Matrix body is covered by a diffusion preventive film, which in turn is covered with a releasing film. In this example, the matrix body is constituted by a sintered body of tungsten carbide (WC) containing 3 wt% of titanium carbide and none of metal-based binder, the diffusion preventive film is constituted by a sputtered film of niobium (Nb) 0.05 micrometer in thickness, and the releasing film is constituted by a sputtered film of an alloy consisting of platinum (Pt) and iridium (Ir) 0.3 micrometer in thickness. The diffusion preventive film may be a high-melting point metal such as Ta, Hf, Zr, Re, Ir, Mo, Rh, Ru or Os other than Nb.

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